

APPENDIX C CURRICULUM MAP

Engineering & Advanced Manufacturing Immersion Program 2015-2016



**Columbus
Signature
Academy**
New Tech Campus

	9 th	10 th
English	GSP	Social Justice
Social Studies		
Math	GEO/IED (DESN 103)	Algebra 2
Engineering		POE (MET 143)
Science	Biology	Chemistry
Foreign Language		
PE/Health	PE	Health
Art		
# DUAL CREDITS	(3)	(3)

Integration
Geometry Teacher
Engineering Teacher
All Students

Third Year
Courses on Campus
CIM Course
Cross-Institutional
CSA Students
PCOT Faculty PLTW
Trained

Fourth Year
EDD - Develop Product
Internships
School-to-Work
Additional Dual Credit

11 th	12 th	Ivy Tech
American Heritage	ENG 111/ENG 131	English
	Government/Economics	Social Studies
Pre-Calc/Trig MATH 136/137	Calculus	Math
CIM (ADMF 116)	EDD/Senior Project/Intern	Engineering
Physics	Environmental Science	Science
		World Language
MET 144 (12)	EECT 111 (6)	College Engineering
		# DUAL CREDITS

Ivy Tech Institute
Mechanical Engineering
Technology
Engineering Technology
Design Technology
Industrial Technology
Advanced Manufacturing

11 th	12 th	Purdue COT
American Heritage	ENG 111/ENG 131	English
	Government/Economics	Social Studies
Pre-Calc/Trig MATH 136/137	Calculus	Math
CIM (ADMF 116)	EDD/Senior Project/Intern	Engineering
Physics	Environmental Science	Science
		World Language
MET 144 (12)	TECH 120 (9)	College Engineering
		# DUAL CREDITS

Mechanical Engineering
Technology
Computer & Information
Technology
Industrial Technology
Organizational
Leadership & Supervision
Engineering Technology
(soon)

11 th	12 th	IUPUCME
American Heritage	ENG 111/ENG 131	English
	Government/Economics	Social Studies
Pre-Calc/Trig	Calculus	Math
CIM (ADMF 116)	EDD/Senior Project/Intern	Engineering
Physics	Environmental Science	Science
		World Language
ME 295 (6)	ENGR 195/196 (10)	College Engineering
		# DUAL CREDITS

Mechanical Engineering